

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Buechler et al.
Title: MARKERS FOR
DIFFERENTIAL DIAGNOSIS
AND METHODS OF USE
THEREOF

Appl. No.: 10/603,891

Filing Date: 6/24/2003

Examiner: Jung, Unsu

Art Unit: 1641

Confirmation
Number:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Amendment-IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of the documents cited by the examiner in parent application Serial No. 10/410,572 filed April 8, 2003 and related application 10/728,067 filed December 3, 2003.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to

antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of either a final action under 37 CFR §1.113, a notice of allowance under 37 CFR §1.311, or an action that otherwise closes prosecution in the application.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

FEES

A credit card payment form in the amount of \$180.00 is enclosed in accordance with 37 CFR §1.17(p) to cover the fee associated with an information disclosure statement under 37 CFR §1.97(e) in the amount of \$180.00.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by the credit card payment form being unsigned, providing incorrect information resulting in a rejected credit

card transaction, or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

Respectfully submitted,

Date 06/11/2007

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Attorney for Applicant

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Substitute for form 1449/PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

2

Complete If Known

Application Number	10/603,891
Filing Date	6/24/2003
First Named Inventor	Kenneth F. Buechler
Art Unit	1641
Examiner Name	Jung, Unsu

Attorney Docket Number 071949-6804

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A1	2002/0052000	05-02-2002		Parthasarathy et al.	
A2	5,482,935	01-09-1996		Adelman et al.	
A3	5,604,105	02-18-1997		Jackowski	
A4	6,040,147	03-21-2000		Ridker et al.	

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ³ Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		T ⁴			
A5	CA 2,323,685		04/18/2001	Massengill et al.	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
A6		Fassbender et al., "Changes in coagulation and fibrinolysis markers in acute ischemic stroke treated with recombinant tissue plasminogen activator." <i>Stroke</i> 30:2101-4, 1999.	
A7		Feikler et al., "Natriuretic peptides in the diagnosis and management of heart failure." <i>CMAJ</i> 175:611-617, 2006.	
A8		Freitag et al., "Plasma brain natriuretic peptide levels and blood pressure tracking in the Framingham heart study." <i>Hypertension</i> 41:978-83, 2003.	
A9		Kemp et al., "Biochemical markers of myocardial injury." <i>Br. J. Anaesthesia</i> 93(1):63-73, 2004.	

Examiner Signature	Date Considered
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENCO TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
Sheet	2	of	2	Application Number	10/603,891
				Filing Date	6/24/2003
				First Named Inventor	Kenneth F. Buechler
				Art Unit	1641
				Examiner Name	Jung, Unsu
				Attorney Docket Number	071949-6804

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A10	LeCapra et al., "The use of thrombus precursor protein, D-dimer, prothrombin fragment 1.2, and thrombin antithrombin in the exclusion of proximal deep vein thrombosis and pulmonary embolism." <i>Blood Coagulation Fibrinolysis</i> 11:371-7, 2000.	
	A11	Singh et al., "Optimization technique in human gall bladder health care system." The 1996 IEEE International Conference on Systems, Man and Cybernetics, Part 4 (of 4). Volume 4, p. 2855-2857.	
	A12	Takebayashi et al., "Association between circulating monocyte chemoattractant protein-1 and urinary albumin excretion in nonobese Type 2 diabetic patients." <i>J. Diabetes and its Implications</i> . 20:98-104, 2006.	
	A13	Watanabe et al., "Plasma levels of activated protein C-protein C inhibitor complex in patients with hypercoagulable states." <i>Am J Hematol</i> . 65:35-40, 2000.	

Examiner Signature	Date Considered
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